

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 040425-0153		SERIAL NO. Unassigned	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Mariko MATSUMOTO, et al.		FILING DATE January 23, 2002	
				GROUP ART UNIT Unassigned			

JCS U.S. PTO
10/05/2777
Q1/23/02

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
L.L.	A1	6,275,699	08/14/01	Ichihara	455	434	

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
L.L.	A2	10-164658	06/19/98	Japan	—	—		Abstr.
	A3	10-229491	08/25/98	Japan	—	—		Abstr.
	A4	11-308289	11/05/99	Japan	—	—		Abstr.
	A5	10-242885	09/11/98	Japan	—	—		Abstr.
	A6	2000-124825	04/28/00	Japan	—	—		Abstr.
	A7	2000-049647	02/18/00	Japan	—	—		Abstr.
	A8	08-032507	02/02/96	Japan	—	—		Abstr.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER <i>L.L.</i>	DATE CONSIDERED <i>06/05/05</i>
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* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/052,777
				Filing Date	01/23/2002
Date Submitted: July 8, 2004				First Named Inventor	Mariko MATSUMOTO
				Group Art Unit	2685
(use as many sheets as necessary)				Examiner Name	L. N. Le
				Attorney Docket Number	040425-0153
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
L.L.	B1	EP	0 252 444	A2	SUMITOMO ELECTRIC INDUSTRIES LTD.	01-13-1988		
	B2	GB	494,734	A	BAKER & MURPHY RADIO LTD.	10-31-1938		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
L.L.	B3	W.C. LINDSEY et al., "A Survey of Digital Phase-Locked Loops," Proceedings of the IEEE, Vol. 69:4, April 1981, pp. 410-431.		

Examiner Signature	<i>L.N. Le</i>	Date Considered	06/05/05
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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